

Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grade 6			
Activity/Lesson	State	Standards	
1902: Success at Last	FL	MA.6.MA.6.A.5 .2	Compare and order fractions, decimals, and percents, including finding their approximate location on a number line.
1902: Success at Last	FL	MA.6.MA.6.A.5 .3	Estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.
1903: Powered Flight	FL	MA.6.MA.6.A.3 .6	Construct and analyze tables, graphs and equations to describe linear functions and other simple relations using both common language and algebraic notation.
1903: Powered Flight	FL	MA.6.MA.6.A.5 .3	Estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.
Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grade 7			
Activity/Lesson	State	Standards	
1902: Success at Last	FL	MA.7.MA.7.A.1 .2	Solve percent problems, including problems involving discounts, simple interest, taxes, tips and percents of increase or decrease.
1903: Powered Flight	FL	MA.7.MA.7.A.1 .6	Apply proportionality to measurement in multiple contexts, including scale drawings and constant speed.
1903: Powered Flight	FL	MA.7.MA.7.A.3 .1	Use and justify the rules for adding, subtracting, multiplying, dividing, and finding the absolute value of integers.
Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grade 8			
Activity/Lesson	State	Standards	
1902: Success at Last	FL	MA.8.MA.8.A.6 .4	Perform operations on real numbers (including integer exponents, radicals, percents, scientific notation, absolute value, rational numbers, and irrational numbers) using multi-step and real world problems.
1903: Powered Flight	FL	MA.8.MA.8.S.3 .2	Determine and describe how changes in data values impact measures of central tendency.

1903: Powered Flight	FL	MA.8.MA.8.A.6 .2	Make reasonable approximations of square roots and mathematical expressions that include square roots, and use them to estimate solutions to problems and to compare mathematical expressions involving real numbers and radical expressions.
Learning to Fly: The Wright Brother's Adventure			
2007 Mathematics			
Next Generation Sunshine State Standards			
Florida Mathematics			
Grades 9-12 (Algebra)			
Activity/Lesson	State	Standards	
1902: Success at Last	FL	MA.9-12.MA.912.A.1 .1	Know equivalent forms of real numbers (including integer exponents and radicals, percents, scientific notation, absolute value, rational numbers, irrational numbers).
1902: Success at Last	FL	MA.9-12.MA.912.A.1 .4	Perform operations on real numbers (including integer exponents, radicals, percents, scientific notation, absolute value, rational numbers, and irrational numbers) using multi-step and real-world problems.
1903: Powered Flight	FL	MA.9-12.MA.912.A.2 .1	Create a graph to represent a real-world situation.
1903: Powered Flight	FL	MA.9-12.MA.912.A.2 .2	Interpret a graph representing a real-world situation.
1903: Powered Flight	FL	MA.9-12.MA.912.A.1 0.1	Use a variety of problem-solving strategies, such as drawing a diagram, making a chart, guessing- and-checking, solving a simpler problem, writing an equation, working backwards, and creating a table.